

REMARKS

Claims 1-19 remain in this application.

Entry of the above amendments is earnestly solicited.

An early and favorable first action on the merits is earnestly requested.

Should there be any matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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APPENDIX:

The Appendix includes the following item(s) :

- a new Abstract of the Disclosure

ABSTRACT OF THE DISCLOSURE

An oscillating motor has a rotor rotation of about $\pm 15^\circ$ from a rest position. The rotor has two salient poles which face a respective permanent magnet across a small air gap. The stator has a laminated stator core supporting the magnets and also two salient poles each supporting a stator coil. The stator poles confront the rotor across a small air gap between the rotor poles. When no current is flowing through the coils, the rotor rests in a rest position with the poles aligned between the north and south poles of the magnets. During operations, the stator coils induce like magnetic poles in the stator poles which in turn induce like magnetic poles in the rotor poles causing the rotor to swing towards opposite magnetic poles of the permanent magnets. When current flows in the reverse direction, the rotor swings to the opposite poles of the magnets.